

PORSP  
11.3.125.1v1  
NO DATE

IRON (Fe)

OSHA PEL:  $5\text{mg}/\text{M}^3$  (oxide fume)

ACGIH TLV:  $5\text{mg}/\text{M}^3$  (oxide fume)

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#### PHYSICAL DATA

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Appearance: Silvery-white lustrous ductile metal

Melting Point:  $1535^\circ\text{C}$

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#### PHYSIOLOGICAL EFFECTS

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Only after six to ten years of exposure to iron dust or fume does one present any signs of pneumoconiosis (i.e. siderosis). Physical examinations of those exposed to iron dust have not indicated any disability.

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#### REACTIVITY DATA

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Iron is stable under normal conditions of handling and use.

USEPA SF



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